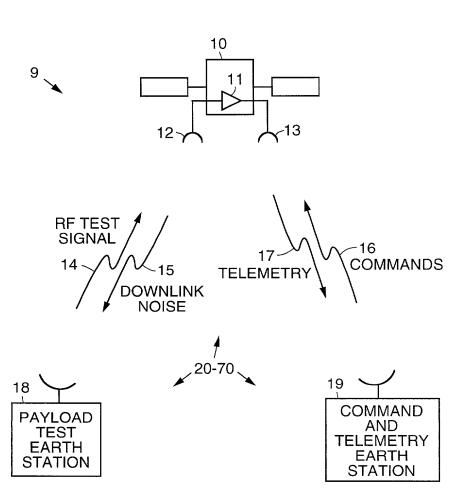
Fig. 1



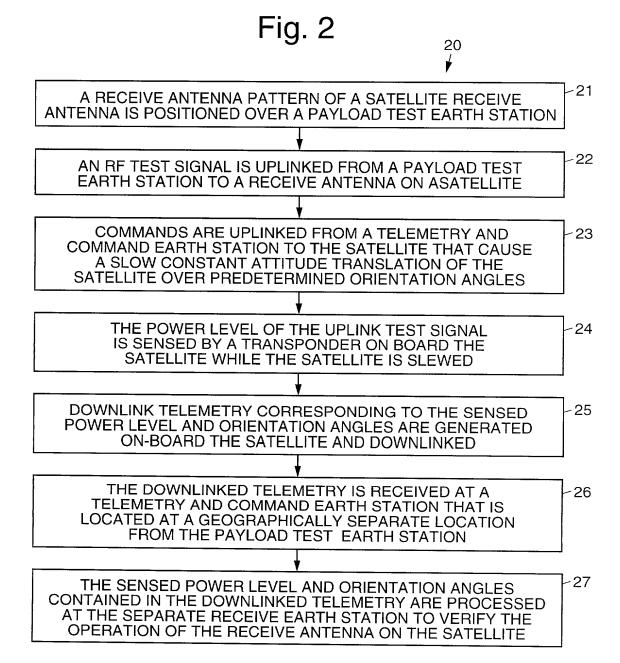
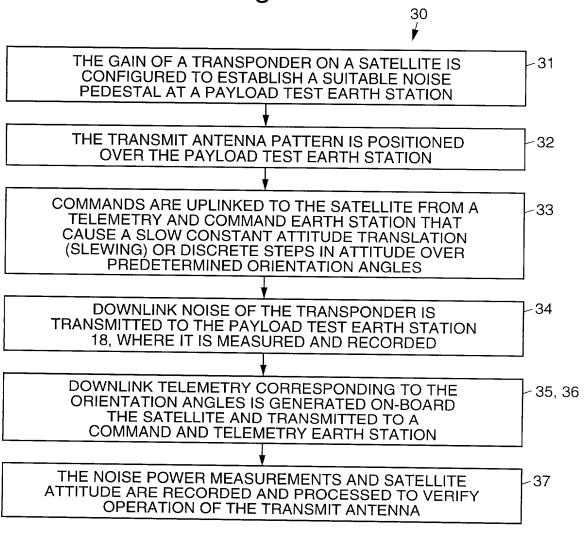
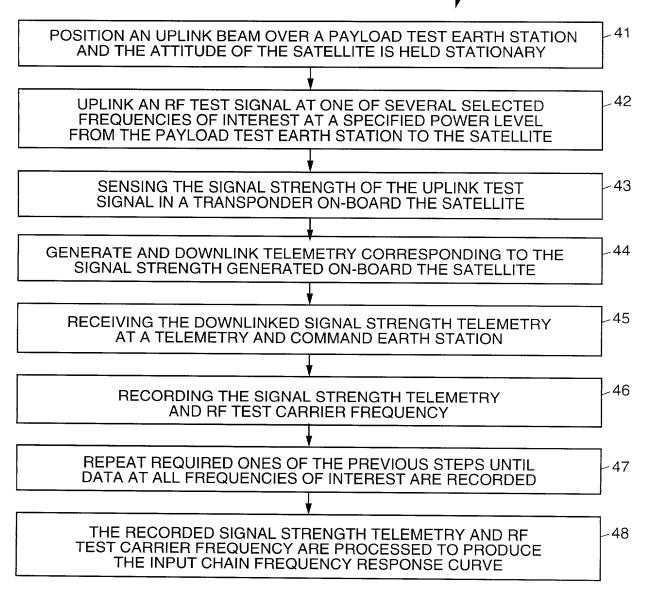


Fig. 3

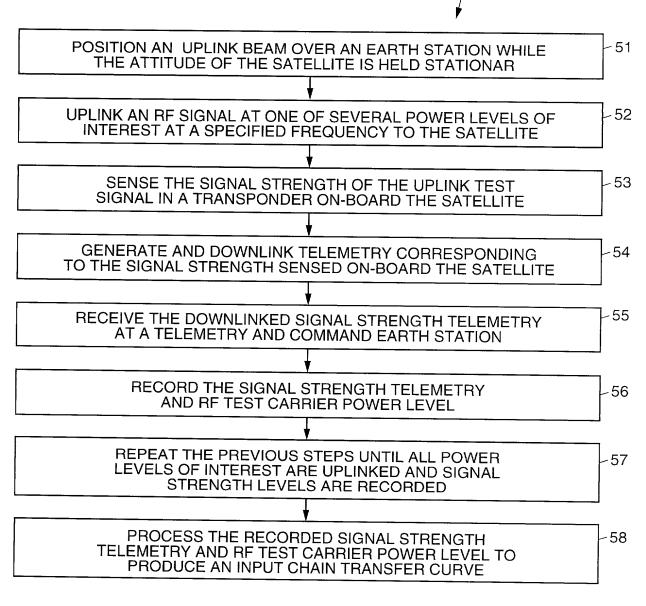


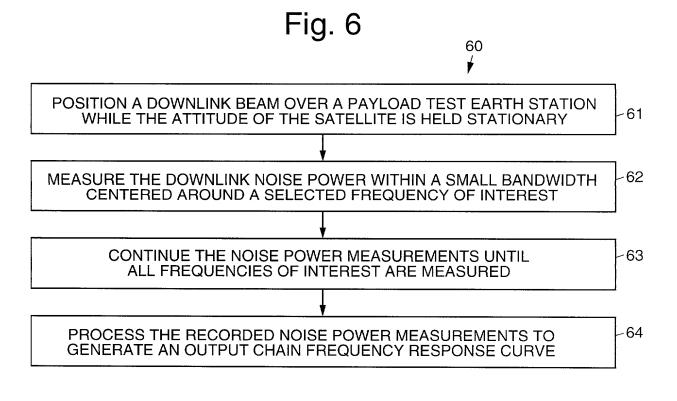






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POSITION A DOWNLINK BEAM OVER A PAYLOAD TEST EARTH STATION WHILE THE ATTITUDE OF THE SATELLITE IS HELD STATIONARY

MEASURE THE DOWNLINK NOISE POWER WITHIN A SMALL BANDWIDTH AT THE CENTER FREQUENCY AT THE EARTH STATION

REPEAT THE ABOVE STEPS FOR A VARIETY OF GAIN STEPS, IF THE SATELLITE IS EQUIPPED WITH COMMANDABLE GAIN STEPS